


INFORMATION DISCLOSURE STATEMENT BY APPLICANTS					Complete if Known			
					Application Number		To Be Assigned	
					Filing Date		Concurrently	
					Confirmation No.		To Be Assigned	
					First Inventor		Yoshikazu IKENOUE et al	
					Group Art Unit		To Be Assigned	
Examiner Name		To Be Assigned						
Sheet	1	of	3	Attorney Docket No.	05058/16306			

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
TYL	(1)	4,837,737		Watanabe	06/06/89	364	900	
	(8)	1,002,600		Morris et al	09/05/11			
TYL	(9)	3,004,104		Hembrooke	10/10/61	179	2	
	(10)	3,784,289		Wicker	01/08/74	350	321	
TYL	(11)	4,668,597		Merchant	05/26/87	430	22	
	(12)	4,739,377		Allen	04/19/88	355	133	
	(13)	4,847,641		Tung	07/11/89	346	154	
	(14)	5,212,558		Obata et al	05/18/93	358	296	
	(15)	5,216,724		Suzuki et al	06/01/93	382	7	
	(16)	5,231,663		Earl et al	07/27/93	380	18	
	(17)	5,235,681		Masuzaki et al	08/10/93	395	164	
	(18)	5,243,655		Wang	09/07/93	380	51	
	(19)	5,245,655		Bühn et al	09/14/93	380	18	
	(20)	5,257,119		Funada et al	10/26/93	358	438	
	(21)	5,299,026		Vincett et al	03/29/94	358	401	
	(22)	5,315,098		Tow	05/24/94	235	494	
	(23)	5,337,361		Wang et al	08/09/94	380	51	
	(24)	5,374,976		Spannenburg	12/20/94	355	201	
	(25)	5,418,602		Nishikawa	05/23/95	355	201	
	(26)	5,424,807		Ohmura	06/13/95	355	201	
	(27)	5,426,710		Suzuki et al	06/20/95	382	135	
	(28)	5,481,377		Udagawa et al	01/02/96	358	501	
	(29)	5,489,158		Wang et al	02/06/96	400	103	
	(30)	5,583,614		Hasuo et al	12/10/96	355	201	
	(31)	5,640,253		Uchida et al	06/17/97	358	501	
	(32)	5,671,277		Ikenoue et al	09/23/97	380	7	
	(33)	5,721,788		Powell et al	02/24/98	382	100	
	(34)	5,987,127		Ikenoue et al	11/16/99	380	7	
	(35)	6,166,750		Negishi	12/26/00	347	131	

FOREIGN PATENT DOCUMENTS						
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No
TYL	(2)	JP	2-052384	A	02/21/90	ABSTRACT ONLY
TYL	(3)	JP	2-111161	A	04/24/90	X

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				First Inventor	Yoshikazu IKENOUE et al	
				Group Art Unit	To Be Assigned	
				Examiner Name	To Be Assigned	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No
TYL	(4)	JP	2-120753	A	05/08/90	ABSTRACT ONLY
	(5)	JP	2-266759	A	10/31/90	X
	(6)	JP	3-120561	A	05/22/91	ABSTRACT ONLY
	(36)	JP	55-123270	A	09/22/80	
	(37)	JP	61-285578	A	12/16/86	X
	(38)	JP	61-204766	U	12/24/86	ABSTRACT ONLY
	(39)	JP	62-111800	A	05/22/87	ABSTRACT ONLY
	(40)	JP	62-256046	A	11/07/87	X
	(41)	JP	2-096276	A	04/09/90	ABSTRACT ONLY
	(42)	JP	2-161477	A	06/21/90	ABSTRACT ONLY
	(43)	JP	2-284189	A	11/21/90	ABSTRACT ONLY
	(44)	JP	3-246087	A	11/14/91	
	(45)	JP	4-009963	A	01/14/92	X
	(46)	JP	4-343568	A	11/30/92	ABSTRACT ONLY
	(47)	JP	5-219353	A	08/27/93	ABSTRACT ONLY
OTHER NON PATENT LITERATURE DOCUMENTS						
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
TYL	(7)	Yasuhiro Nakamura and Kineo Matsui, "A Unified Coding Method of Image and Text Data Using Three-Level Micro-Patterns", Gazou Denshi Gakkaishi, Vol. 17, No. 1 (1988), pgs. 1-14				
TYL	(48)	"Unauthorized Copy Prevention", IBM Technical Disclosure Bulletin, June 1975, pgs. 59-60				
	(49)	"Document Security System for Copy Machines", IBM Technical Disclosure Bulletin, January 1981, pgs. 3550-3551				
	(50)	Hara et al, "An Improved Method of Embedding Data Into Pictures by Modulo Masking", IEEE Transactions on Communications, March 1988, Vol. 36, No. 3, pgs. 315-331				
	(51)	Tanaka et al, "Embedding Secret Information Into a Dithered Multi-Level Image", MILCOM '90, IEEE, Vol. 1, pgs. 216-220				
	(52)	Komatsu et al, "Authentication System Using Concealed Image in Telematics", Memoirs of the School of Science & Engineering, Waseda University, No. 52, pgs. 45-60, 1988				

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		Application Number	To Be Assigned
		Filing Date	Concurrently
		Confirmation No.	To Be Assigned
		First Inventor	Yoshikazu IKENOUE et al
		Group Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet <u>3</u>	of <u>3</u>	Attorney Docket No.	05058/16306
OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
TYL	(53)	Komatsu et al., "A Proposal on Digital Watermark in Document Image Communication and Its Application to Realizing a Signature", Electronics and Communications in Japan, Part 1, Vol. 73, No. 5, 1990 (translation pgs. 22-33)	
	(54)	Naohisa Komatsu, "Information Security For Facsimile Communication"; <u>Gazo Denshi Gakkaishi (Journal of the Institute of Picture and Electronics Engineers)</u> Vol. 19, No. 4, April 1990, pgs 229-235 and translation (pgs. 1-12)	
	(55)	Costas S. Xydeas et al, "Embedding Data Into Pictures By Modulo Masking", <u>IEEE Transactions on Communications</u> , Vol. COM-32, No. 1, January 1984, pgs 56-70	
	(56)	Michio Yamada et al, "A Proposal on Secure Document Image Management Facilities Using Smart Card", Proc. of 1989 Autumn Meeting of the Institute of Electronics, Information and Communication Engineers, SD-2-3, September 1989, pgs 223-224 and translation (3 pgs)	
Examiner Signature			Date Considered <u>8/8/2006</u>


*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS				Complete if Known				
				Application Number	10/728,541			
				Confirmation No.:	8805			
				Filing Date	December 5, 2003			
				First Inventor	Yoshikazu IKENOUE et al			
				Group Art Unit	2624			
				Examiner Name	Tom Y Lu			
				Attorney Docket No.	05058/16306			
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Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
TLL	(11)	6,738,491	B1	Ikenoue et al	05/18/04	382	100	
TLL	(12)	5,363,202		Udagawa et al	11/08/94	358	501	

FOREIGN PATENT DOCUMENTS							
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No	
TLL	(4)	JP	1-303874	A	12/07/89	X	
TLL	(7)	JP	4-20084	A	01/23/92	ABSTRACT ONLY	
TLL	(8)	JP	1-253871	A	10/11/89	ABSTRACT ONLY	
TLL	(9)	JP	1-292965	A	11/27/89	ABSTRACT ONLY	
TLL	(10)	JP	64-64172	A	03/10/89	ABSTRACT ONLY	

OTHER NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
TLL	(1)	Japanese "Notice of Reasons for Rejection", dated April 11, 2006, for counterpart Japanese Patent Application No. 2004-162056; along with an English-language translation thereof
TLL	(2)	Japanese "Notice of Reasons for Rejection", dated April 11, 2006, for counterpart Japanese Patent Application No. 2004-162065; along with an English-language translation thereof
TLL	(3)	Japanese "Notice of Reasons for Rejection", dated May 16, 2006, for counterpart Japanese Patent Application No. 2004-162092; along with an English-language translation thereof

Examiner Signature		Date Considered	8/8/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.